

DATE: November 10, 2010

Analytical Report

TO: { }

FROM: { }

Molecular Weight Distribution of { }

Abstract

The molecular weight distribution of { } was determined using size exclusion chromatography with a column calibration { }

{ }. The mobile phase was { }.
It was shown that { } had { }

Request/Need

{ }

Results and Discussion

The refractive index chromatogram obtained for { } is shown below { }

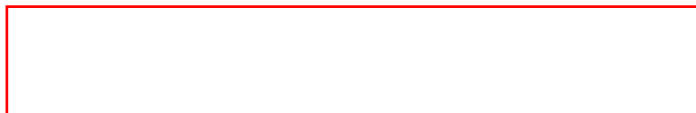




{ }

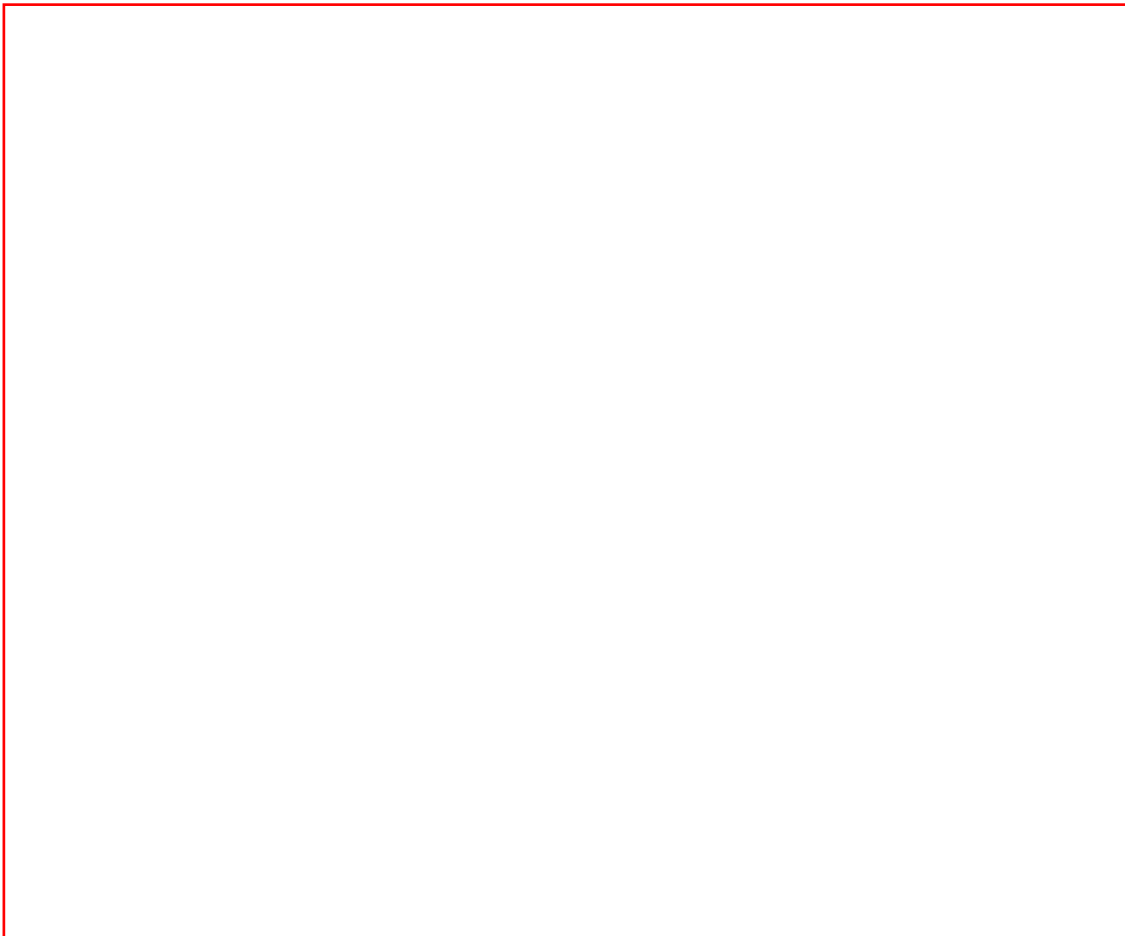
The molecular weight at each elution volume was determined from the column calibration curve, shown in { }. This molecular weight data for the calibration were based on light scattering data on a similar polymer along with low molecular weight standards. The molecular weight data as a function of elution volume was {

} This was used with the data in { } to generate the molecular weight distribution, as shown in { }.





{ }. Column calibration



{ }. Molecular weight distribution for { }.



Experimental Section

System: Size exclusion chromatography system Model Alliance 2695TM from Waters Corporation (Milford, MA), with a Waters 2414TM refractive index detector (DRI) and 486 UV/Vis tunable absorbance detector

Software for data reduction: Empower v. II from Waters

Columns for separation: {
}

Mobile Phase: {
}

Chromatographic Conditions: Temperature: 35°C, {
}

Sample Preparation: {
} (1 mg/ml conc)
{
}

SLICE TABLE

{
}
GPC 100 Slices YB
GPC Distribution Table
{

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